

BILL NO. S-75-11-59.

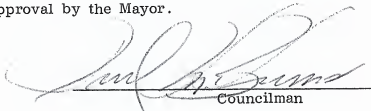
SPECIAL ORDINANCE NO. S-270-75.

AN ORDINANCE approving Change Order No. 2 in connection with WPC Plant Expansion, Division III

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That Change Order No. 2 to JOHN DEHNER, INC.- SPEARS-DEHNER, INC., in connection with WPC Expansion Project, Division III in the amount of \$64,732.71, which qualifies for EPA Funding, as set out in the specifications, is hereby in all things ratified, confirmed and approved.

SECTION 2. This Ordinance shall be in full force and effect from and after its passage and approval by the Mayor.

  
Councilman

APPROVED AS TO FORM  
AND LEGALITY.

  
CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by Hinga, and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on \_\_\_\_\_, the \_\_\_\_\_ day of \_\_\_\_\_, 197\_\_\_\_\_, at \_\_\_\_\_ o'clock P.M., E.S.T.

Date: 11-25-75

Charles W. Westerman  
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Glenico, and duly adopted, placed on its passage. Passed (~~lost~~) by the following vote:

TOTAL VOTES	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT
BURNS	<u>X</u>	<u>0</u>	<u>1</u>		
HINGA	<u>X</u>				
<del>KRAUS</del>			<u>X</u>		
MOSES	<u>X</u>				
NUCKOLS	<u>X</u>				
SCHMIDT, D.	<u>X</u>				
SCHMIDT, V.	<u>X</u>				
STIER	<u>X</u>				
TALARICO	<u>X</u>				

DATE: 12-9-75

Charles W. Westerman  
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (Zoning Map) (~~General~~) (~~Annexation~~) (~~Special~~) (~~Appropriation~~) Ordinance (RESOLUTION) No. 1276-75 on the 9th day of December, 1975.

WITNESSES:

(SEAL)

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 10th day of December, 1975, at the hour of 11:00 o'clock A. M., E.S.T.

Charles W. Westerman  
CITY CLERK

Approved and signed by me this 10th day of December, 1975, at the hour of 2:00 o'clock P. M., E.S.T.

Jack Lerop  
MAYOR

Bill No. S-75-11-59

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance

approving Change Order No. 2 in connection with WPC Plant Expansion,

Division III

have had said Ordinance under consideration and beg leave to report back to the Common  
Council that said Ordinance is PASS.

Paul M. Burns - Chairman

Donald J. Schmidt - Vice - Chairman

Winfield C. Moses, Jr.

William T. Hinga

Eugene Kraus, Jr.

DATE 12/1/75 CONCURRED IN  
CHARLES W. WESTERMAN, CITY CLERK

## CHANGE ORDER

62-327-16 4/10/75

Change Order No. 2  
 Project No. C 180558-01  
 Name of Project Division III - Sludge Lagoons  
 To: John Dehner, Inc. - Spears-Dehner, Inc. (Joint Bidders)  
(Contractor)

Resolution No. Div. III  
 Board Order No. 46-73  
 Date November 3, 1975

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price	
				Decrease	Increase
3	L.S.	Lagoon Const. (Regrading Changes)	L.S.	\$ 850.00	\$35,526.00
4	L.S.	Roadways, Parking-Ramps, etc.	L.S.	5,120.18	5,196.17
6	2840+L.F.	18" R.C.P. (Grade Change)	L.S.	355.00	
14	80 L.F.	48" C.M.P. w/t headwalls	41.72		3,337.60
15	L.S.	18" C.M.P. (Change gage & footage)	L.S.	1,738.00	604.80
19	2 each	Flap gates for headwalls 18" to 48" (Add two 48" gates)	3,106.35		6,212.70
23	L.S.	Lift Station (Internal piping modifications)	L.S.		2,249.57
29	L.S.	Maintenance Building (Internal Changes)	L.S.		9,064.75
30	350+L.F.	Fence and weed barrier delete 350+ L.F. add ditch crassing	L.S.	3,185.00	200.00
31	L.S.	Landscape (Relocate to shelf)	L.S.	N.C.	N.C.
34	1 each	Truck-Tractor Add P.T.O.	1,900.00		1,900.00
39	200+L.F.	24" C.M.P. gage 12	29.76		5,952.00
40	70+L.F.	15" C.M.P. gage 12 with flap gate	L.S.		2,080.50
41	1 each	Air Compressor 18 CFM, 150 psi, 5 hp	1,656.80		1,656.80
42	L.S.	2" gas service to main. Building	L.S.		2,000.00
Total Decrease				\$11,248.18	
Total Increase					\$75,950.89
Net <del>(Decrease)</del> (Increase) Contract Price					\$64,732.71

The sum of \$ 64,732.71 is hereby (added to) ~~(Decrease)~~ the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price \$5,305,637.00  
 Current Contract Price Adjusted by Previous Change Order \$ 64,732.71  
 New Contract Price Including This Change Order \$5,370,369.71

The time provided for completion in the contract for this project is (unchanged) (~~increased~~) (~~decreased~~) by 0 calendar days due to this Change Order. The date for completion of all work shall be as per contract. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: Philip R. Bell (Chief W.P.C. Engineer) Date Nov 9, 1975

Accepted by: John Dehner (Contractor) Date 11-5-75

Approved by: Ronald K. Binar (City Engineer) Date 11-5-75

Approved by: Carl E. O'Neal (Owner) Date 11-11-75

Attested by: Carl E. O'Neal (Clark) Date 11-11-75

Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

Necessity for change: Item No. 3 - Lagoon Construction: It has always been the desire  
of the city to provide a dried sludge disposal area for an extended period. It be-  
came apparent during the construction of the project that through some grading  
changes a suitable disposal area could be developed with a life expectancy of 7 to  
10 years. (sketches attached) Some other minor grading changes were also necessitated  
to further increase the ease of operation and maintenance of the site. A sewage  
sludge pick-up area was also developed because of the public's interest in using  
dried sewage sludge on their yards, gardens etc.

Will proposed change alter size of the project? Yes \_\_\_\_\_ No X

If yes, explain

Affect on operation and maintenance cost of this project:

The operation and maintenance of the entire area will be enhanced due to the avail-  
ability of an on-site sludge disposal area. Also the aesthetic value of the site  
will be benefited due to the shelf construction. The shelf will further reduce the  
public's view of the project and increase overall acceptance for the program of  
sludge operation. Operation cost will be held about the same due to on site  
disposal of sludge.

*Andy Godzik*

Andy Godzik, P.E. Engineer

Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item #4 - Roadways, parking ramps etc.: with the changes  
of the finished grading in the area of the new maintenance building it was found  
that a portion of the originally planned roadway and parking area could be deleted.  
The main entrance road to the site will be modified slightly to provide further ease  
of ingress and egress to the site and additional safety from vehicular traffic on  
the thoroughfare at the main road outlet.

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

Operation and maintenance cost changes are rather minimal; however, the safety  
of operational employees will be increased with the addition of a deceleration lane  
an increased return radii.

Andy Dodzik  
Andy Dodzik, PE, Engineer

Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item #6 - 18" R.C.P.: During the planning of the North  
Maumee River Interceptor, it was found that it would be advantageous to raise  
the 18" lagoon drain pipe in order to be able to connect to the proposed inter-  
ceptor above the low flow line. This was accomplished by raising the influent  
line at the lift station one foot and adjusting north to again meet plan grades.

2. Will proposed change alter size of the project? Yes        No X  
If yes, explain

3. Affect on operation and maintenance cost of this project:

It will allow for a higher connection point into the North Maumee Interceptor,  
thus, allowing for a better hydraulic characteristic of the 18" line; and therefore,  
a less potential maintenance cost.

Andy Dodzik  
Andy Dodzik, P.E.

5320  
Project Engineer



Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item #14 - 48" C.M.P. w/t headwalls: In order to provide  
for proper dike construction between the lagoon sites and develop sufficient  
flood protection and additional 80 feet of 48" C.M.P. was required.

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

This measure will provide for better flood protection.

Andy Dodzik  
Andy Dodzik, P.E.

Project Engineer



Change Order No. 2

Resolution No. Div. III.

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item # 15 - 18" C.M.P.: With the grading changes we were able to eliminate approximate 200 L.F. of 18" C.M.P. It was noted that at certain periods some heavy truck traffic would be present on the dike roadways, and to insure that there would be no pipe collapses the gage on the C.M.P. pipe was changed from 14 to 12.

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X  
If yes, explain \_\_\_\_\_

3. Affect on operation and maintenance cost of this project:

The possibility of pipe failure should be eliminated and, therefore, the cost of replacement.

Andy Dodzik  
Andy Dodzik, P.E.

Project Engineer

Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

Necessity for change: Item #19 - Flap gates 18" to 48": In keeping with the plan  
to provide flood protection for the project site along the flood plain of the  
Maumee River, two flap gates will be placed on the twin 48" C.M.P. levee crossing  
pipe to disallow flood waters from the Maumee into the lagoon site.

Will proposed change alter size of the project? Yes \_\_\_\_\_ No X

If yes, explain

Affect on operation and maintenance cost of this project:

This measure will insure that no preventative maintenance for flooding will be  
necessary.

Andy Dodzik  
Andy Dodzik, P.E.

Project Engineer

Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item #23 - Lift Station: Internal piping changes were made  
in order to provide a more suitable working space in the dry well of the lift  
station for any repair or maintenance that would be required on the pumps, motors,  
etc.

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X  
If yes, explain \_\_\_\_\_

3. Affect on operation and maintenance cost of this project:

This change greatly enhances the ease of operation and maintenance in the lift  
Station.

*Andy Dodzik*  
Andy Dodzik, P.E.

*PPB*  
Project Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item #29 - Maintenance Building: In order to make the building more functional to the needs of the plant operational personnel and to comply with safety standards the following changes were made:

1. Additional guard rail posts for interior building protection.
2. Additional concrete slab for gas dispensers and enclosure.
3. Plumbing relocations for shower drain and wash fountain.
4. Gas pump and dispenser outside enclosure.
5. Drop ceiling, duct and masonry modifications.
6. Electrical disconnects for outside gas pumps.

2. Will proposed change alter size of the project? Yes        No X

If yes, explain

\_\_\_\_\_

\_\_\_\_\_

3. Affect on operation and maintenance cost of this project:

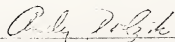
Affect on costs are minimal, however, the functional operation and safety of the building and it's internal environment is improved. 4.


\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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Andy Bodzik, P.E.

  
Project Engineer

Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item #30 - Fence and weed barrier: Through the regrading  
changes and the roadway modifications it was possible to delete approximately  
350 L.F. of fencing. One fence ditch crossing was modified to provide for more  
security, so no one could gain access to the site by means of walking the ditch  
bottom.

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X  
If yes, explain

3. Affect on operation and maintenance cost of this project:

None

Andy Dodzik  
Andy Dodzik, P.E.

Project Engineer

Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item # 31 - Landscape: Through the regrading change the  
landscape work is to be placed upon a shelf so as to further enhance the aesthetics  
of the area, and to better screen the lagoon site from the roadway. This method  
was found to be much more desirable than as was previously proposed.

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

NONE

Andy Dodzik  
Andy Dodzik, P.E.

Project Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item # 34 - 53,200 lb. Tractor: In order to provide for  
ease of dumping operations and increase the safety, a power take off was necessary  
in the cab of the tractor.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X
- If yes, explain
- \_\_\_\_\_
- \_\_\_\_\_

3. Affect on operation and maintenance cost of this project:
- Increase operating efficiency and safety.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

*Andy Dodzik*  
Andy Dodzik, P.E. Project Engineer

*BAB*



Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

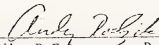
1. Necessity for change: Item #39 - 24" C.M.P.: Because of the landscape shelf part  
of an existing ditch has to be enclosed for a distance of approximately 200 ft.

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

This will allow for a reduced maintenance of the existing ditch through the project  
site.

  
Andy Dodzik, P.E. Project Engineer

Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: Item #40 - 15" C.M.P. and Flap Gate: In order to provide  
more adequate drainage in the south east portion of the lagoon area it became  
necessary to place 70 L.F. of 15" C.M.P. with a flap gate through the levee and  
drain to the river.

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

The possibility of standing water in this area should be eliminated.

Andy Bodzik, P.E.

Project Engineer

Change Order No. 2

Resolution No. Div. III

Board Order No. 46-73

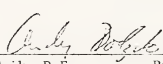
REQUEST AND JUSTIFICATION FOR CHANGE


1. Necessity for change: Item #41 - Air Compressor: Considering the amount of equipment that will be operating out of the lagoon site an air compressor was found necessary for the performance of routine maintenance. It will increase the efficiency and further provide a safer method for performing maintenance by the personnel.

2. Will proposed change alter size of the project? Yes \_\_\_\_\_ No X \_\_\_\_\_  
If yes, explain \_\_\_\_\_

3. Affect on operation and maintenance cost of this project:

Will allow for minor maintenance to be done at the building rather than having tires sent out, or main garage personnel coming out to the site to do such work.  
Provide for a safer operation.

  
Andy Dodzik, P.E.

  
Project Engineer

DIGEST SHEET

TITLE OF ORDINANCE Special Ordinance

DEPARTMENT REQUESTING ORDINANCE Board of Public Works

SYNOPSIS OF ORDINANCE Change Order #2 on WPC Expansion Project, Division III  
consists of many varied changes in the original specifications.

Explanation of the item changes are attached for Council's information.

Please note the \$64,732.71 increase will be submitted to EPA for funding.

EFFECT OF PASSAGE Provision of most efficient operation for final drying of lime  
sludge together with other items needed for successful operation.

EFFECT OF NON-PASSAGE Failure to provide best possible operation.

MONEY INVOLVED (Direct Costs, Expenditures, Savings) Qualifies for EPA funding.

ASSIGNED TO COMMITTEE

*City Utilities JHS*